

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 07/25/2019		2. CONTRACT NO. (If any) 68HERC19D0003		6. SHIP TO:	
3. ORDER NO. 68HERC19F0227		4. REQUISITION/REFERENCE NO. PR-ORD-19-01037		a. NAME OF CONSIGNEE ORD/OARS/EMD/CIN	
5. ISSUING OFFICE (Address correspondence to) CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001				b. STREET ADDRESS US Environmental Protection Agency OARS EMD Cincinnati Division 26 West Martin Luther King Drive Mail Code: WG-12	
				c. CITY Cincinnati	e. ZIP CODE 45268
7. TO: Robert Toth				f. SHIP VIA	
a. NAME OF CONTRACTOR ICF Incorporated, L.L.C.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 9300 LEE HIGHWAY				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY FAIRFAX		e. STATE VA	f. ZIP CODE 220316050	Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE ORD NCEA PY1	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 07/30/2020	
a. INSPECTION Destination	b. ACCEPTANCE Destination			16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 072648579 TOCOR: PATRICE BORSZ Max Expire Date: 07/30/2020 Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$81,477.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts						\$81,477.00
c. CITY Durham		d. STATE NC	e. ZIP CODE 27711				17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

07/25/2019

ELECTRONIC SIGNATURE

23. NAME (Typed)

William M. Yates

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 07/25/2019	CONTRACT NO. 68HERC19D0003	ORDER NO. 68HERC19F0227
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	Admin Office: CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 Period of Performance: 05/01/2019 to 04/30/2024 Contract 68HERC19D0003 Task Order 0011 Federal Lead Action Plan Research (Goal 4) Workshop / Conference Support Accounting Info: 19-20-C-26RR000-000FK8XPW-2583-26A5C-1 926RRC906-001 BFY: 19 EFY: 20 Fund: C Budget Org: 26RR000 Program (PRC): 000FK8XPW Budget (BOC): 2583 Cost: 26A5C DCN - Line ID: 1926RRC906-001 Funding Flag: Complete Funded: \$42,067.00				42,067.00	
0002	Contract 68HERC19D0003 Task Order 0011 Federal Lead Action Plan Research (Goal 4) Workshop / Conference Support Accounting Info: 19-20-C-26RR000-000FK9XR5-2583-26A5C-1 926RRC906-002 BFY: 19 EFY: 20 Fund: C Budget Org: 26RR000 Program (PRC): 000FK9XR5 Budget (BOC): 2583 Cost: 26A5C DCN - Line ID: 1926RRC906-002 Funding Flag: Complete Funded: \$23,000.00				23,000.00	
0003	Contract 68HERC19D0003 Task Order 0011 Federal Lead Action Plan Research (Goal 4) Workshop / Conference Support Accounting Info: 19-20-C-26RR000-000F84-2583-26A5C-1926 RRC906-003 BFY: 19 EFY: 20 Fund: C Budget Org: 26RR000 Program (PRC): 000F84 Budget (BOC): 2583 Cost: 26A5C DCN - Line ID: 1926RRC906-003 Funding Flag: Partial Continued ...				15,343.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$80,410.00

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER	CONTRACT NO.	ORDER NO.
07/25/2019	68HERC19D0003	68HERC19F0227

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0004	Funded: \$15,343.00 Contract 68HERC19D0003 Task Order 0011 Federal Lead Action Plan Research (Goal 4) Workshop / Conference Support Accounting Info: 19-20-C-26RR000-000F72-2583-26A5C-1926 RRC906-004 BFY: 19 EFY: 20 Fund: C Budget Org: 26RR000 Program (PRC): 000F72 Budget (BOC): 2583 Cost: 26A5C DCN - Line ID: 1926RRC906-004 Funding Flag: Complete Funded: \$1,067.00				1,067.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$1,067.00

PERFORMANCE WORK STATEMENT

Contract #68HERC19D0003

TO # TBD

TITLE: Federal Lead Action Plan Research (Goal 4) Workshop / Conference Support

Specify Section & Paragraph SOW: E. Risk Assessment Support - Meetings

PERIOD OF PERFORMANCE: CO Approval – 12 months

BACKGROUND

The Federal Lead Action Plan (FLAP) was jointly released by senior leadership of the US EPA, US HUD, and US HHS in December 2018. The FLAP is the product of the President's Task Force on Environmental Health Risks and Safety Risks to Children (Task Force). The Task Force is the focal point for federal collaboration to promote and protect children's environmental health and is comprised of 17 federal departments and offices.

The FLAP is a blueprint for reducing lead exposure and associated harms through collaboration among federal agencies and with a range of stakeholders, including states, tribes and local communities, along with businesses, property owners and parents. The FLAP will help federal agencies work strategically and collaboratively to reduce exposure to lead with the aim of ultimately improving children's health. There are four goals with key priorities and objectives that seek to reduce harm to children from exposure to lead:

- Goal 1: Reduce children's exposure to lead sources
- Goal 2: Identify lead-exposed children and improve their health outcomes
- Goal 3: Communicate more effectively with stakeholders
- Goal 4: Support and conduct critical research to inform efforts to reduce lead exposures and related health risks

EPA and federal partners (namely CDC, HUD, NIEHS, and others) are planning a large workshop ("Workshop") to summarize state-of-the-science and current efforts related to lead research; highlight critical research needs; and formulate concrete next steps to leverage, coordinate, and further implement Goal 4 of the FLAP. The objectives of the workshop will be to share information, compare/contrast various approaches and discuss the available evidence for current practices to prevent and mitigate impacts of childhood lead exposure and to identify critical data gaps and refine research questions to address them.

TASKS

Establish communication within 3 days after award of this TO, the Contractor shall schedule a conference call (not to exceed 1 hour) with the TOCOR and appropriate contractor staff to clarify outstanding questions and confirm the schedule and specific tasks. The Contractor shall prepare a written work plan describing how the tasks in this PWS will be performed, including a schedule, budget, level of effort, and qualifications of personnel. The Contractor shall maintain communication with the WAM through regular phone calls or email updates, at a frequency that makes sense for the tasks outlined below.

The Contractor shall also prepare a schedule for deliverables to ensure all materials are properly reviewed, approved, and disseminated.

1. **Workgroup support:** A Goal 4 interagency workgroup, consisting of Task Force members who are engaging in lead research activities, has been meeting to provide scientific direction and planning for the series of technical webinars and workshop. From this interagency workgroup, we plan to break into five

subgroups according to the five actions outlined in the FLAP. The contractor shall provide logistical and administrative support for the five subgroups.

- a. The contractor shall schedule hour-long meetings, work with subgroup leads to prepare agendas and disseminate information, run conference calls (take attendance, list action items at the end of the call), as needed, for FIVE subgroups.
- b. The contract shall take notes and disseminate after calls.

2. Technical Webinars: Prior to the December Goal 4 Workshop, the Research Goal 4 Workgroup plans to hold up to three (3) technical webinars, beginning during the summer or fall of 2019. Tentative topics for the three webinars are: science/data-based models and approaches to identify locations with highest risk of lead exposures; overview of effective approaches to prevent childhood lead exposures; and overview of effective approaches to identify and treat children already impacted by lead exposures. The objectives for the webinars are to share information/best practices; compare/contrast approaches; identify critical data gaps; discuss potential synergies with available resources; help refine research questions; and collect feedback from partners on priority research needs for decision-making.

- a. The contractor will coordinate the webinar logistics (develop agendas, send webinar invitations), facilitate the webinar presentations, manage and document webinar questions, record the webinars and develop brief summaries (2-3 pages) of the discussions.
 - i. Each webinar will be 1.5 hours in length, including three or four 15-20 minute presentations and 30 minutes total for discussion.
 - ii. There could be as many as 200 participants for each webinar.
- b. The contractor will work closely with TOCOR and EPA technical leads to identify and invite presenters and other attendees to the webinars.

3. Pre-Workshop Communication and Logistical Support: As requested by the EPATOCOR and in coordination with the EPA Technical Contact, the contractor shall provide logistical and administrative support in preparing for the Workshop.

- c. The contractor shall prepare and disseminate a Workshop meeting invitation and/or develop a registration page for the list of invitees, provided by the EPA TOCOR.
- d. The contractor shall manage the registration page and list of accepted and rejected invitations.
- e. The contractor shall prepare a workshop participant background binder for the list of invitees who have accepted, to include an agenda, summaries from webinar discussions, and other background/logistical material needed for the Workshop.
- f. The contractor shall prepare a mail merge file and address labels for the list of members and invitees. All correspondence shall be transmitted under the EPATOCOR name. It is anticipated that there will be approximately 200 participants for Workshop.
- g. Meeting space for the Workshop has already been identified. The contractor shall recommend lodging options, that fall within U.S. Government per-diem rates and meet Agency lodging requirements, to the Workshop participants.

4. On-site Technical Support during Workshop: The contractor shall attend the Workshop in-person, provide administrative and technical support for the duration of the Workshop, and prepare a concise meeting summary report consisting of action items, decisions, and brief summary of discussions.

- h. The contractor shall ensure that all equipment needed at the meeting is available, to include microphone equipment, laptop computers, etc., as needed and specified by the EPA TOCOR.
- i. The contractor shall provide a registration table each day of the meeting and shall provide table tents and name badges of participants. The contractor shall also photocopy additional sets of handouts and materials as may be required during the course of the Workshop, on a fast turnaround basis, as requested by the EPA TOCOR.

- j. The contractor will facilitate Workshop presentations, including leading presentations and recording discussions, action items, decisions.
- k. The contractor shall set up and manage the webinar and troubleshoot any issues related to the webinar during the Workshop. The contractor shall also monitor webinar activity and questions for the duration of the Workshop.
- l. The contractor shall deliver to the EPA TOCOR any materials not distributed at the meeting or materials left behind by Workshop participants within two working days after the meeting.

Prepare Summary Report of Workshop: The contractor shall prepare and submit to the EPA TOCOR draft summary report of the Workshop within 15 working days of the end of the Workshop. The draft Summary Report (estimated 10 – 12 pages) shall consist of a brief overall summary of each of the five sessions of the workshop, and the proposed set of suggestions for each of the 5 Goal 4 actions, including potential next steps and proposed timelines. The report will also include attachments of any pertinent workshop materials, including presentations, report outs from breakout sessions, and notes from non-federal participants.

5. The contractor shall incorporate comments and changes to the report per written technical direction by the EPA TOCOR and submit a final summary report within 5 working days of receiving EPA comments. The draft and final report shall be provided in electronic format (Word is the Agency standard software).

DELIVERABLES

- 1) Up to Three (3) technical webinar summaries within 5 days of the webinars.
- 2) Provide EPA TOCOR with electronic link to the audio recording of the technical webinars meetings within 5 days.
- 3) Workshop draft summary report within 15 days of the end of the Workshop.
- 4) Provide final summary report within 5 days after receipt of EPA comments on draft summary report.

CONFLICT OF INTEREST

The contractor shall disclose any conflict of interest regarding this work.

ACCEPTANCE CRITERIA

Deliverables shall be provided to the EPA TOCOR in accepted Agency format and be of high quality. Deliverables shall be prepared using software compatible with current ORD computer systems. In some cases, the draft document will be sufficient for the purposes of the EPA staff. Deliverables shall be submitted electronically to the EPA TOCOR via e-mail as well as hard copy (when requested).

MANAGEMENT CONTROLS

Periodic meetings between the EPA and contractor staff are encouraged to discuss any questions that may arise during performance or completion of this TO. At the TOCOR's discretion, these meetings may occur via teleconference or video conferences. The contractor shall document these meetings and submit copies of this correspondence to the EPA TO.

The EPA TOCOR may identify one or more EPA technical representatives for this TO. Interaction between the

contractor and any EPA technical representative(s) designated by the EPA WAM is solely for the purpose of presenting and discussing the information, analyses, results, or presentations related to this TO. The interaction will be technical communication vice technical direction. Per the technical direction clause EPAAR 1552.237-71 of the contract, the EPA PO and the EPA TOCOR or alternate EPA TOCOR are the sole representatives of the Contracting Officer authorized to provide technical direction.

TASK ORDER COR (TOCOR):

Patrice Borsz
Systems Exposure Division
National Exposure Research Laboratory
Office of Research and Development
U.S. EPA (MD E205-09)
109 TW Alexander Dr.
Research Triangle Park, NC 27709
Telephone: (919) 541-5233
Fax: (919) 541-0445

ALTERNATE TOCOR:

Robin Clarke
Office of Science Advisor
U.S. EPA (8105R)
Office of Research and Development
1200 Pennsylvania Avenue, NW
Washington, DC 20460
Telephone: (202) 564-6493
Fax: (202) 564-2070

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CAD		7. ADMINISTERED BY (If other than Item 6) CODE	
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050		(X)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0227	
				10B. DATED (SEE ITEM 13) 07/25/2019	
CODE 072648579		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

TOCOR: PATRICE BORSZ Max Expire Date: 07/24/2020

LIST OF CHANGES:

Reason for Modification: The purpose of this modification will be to correct the Period of Performance.

Period of Performance Start Date changed from 01-MAY-19 to 25-JUL-19

Period of Performance End Date changed from 30-APR-24 to 24-JUL-20

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) William M. Yates	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	16C. DATE SIGNED 08/06/2019

Previous edition unusable

NAME OF OFFEROR OR CONTRACTOR
 ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 07/25/2019 to 07/24/2020				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES		
					1 2		
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00002		See Block 16C		PR-ORD-19-01037			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: W136							
Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO.	
ICF Incorporated, L.L.C.							
Attn: Robert Toth							
9300 LEE HIGHWAY						9B. DATED (SEE ITEM 11)	
FAIRFAX VA 220316050							
				x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
						68HERC19D0003	
						68HERC19F0227	
						10B. DATED (SEE ITEM 13)	
						07/25/2019	
CODE 072648579		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				Net Increase:		\$1,270.00	
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE		A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
		D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 072648579							
TOCOR: PATRICE BORSZ Max Expire Date: 07/24/2020							
LIST OF CHANGES:							
Reason for Modification: This modification will add funding needed to complete this requirement which will flow into year two of the contract. There is an increase in the rate structure in year two and the additional funding will provide coverage for the increase in rates.							
Total Amount for this Modification: \$1,270.00							
New Total Amount for this Version: \$16,613.00							
New Total Amount for this Award: \$82,747.00							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				William M. Yates			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				 (Signature of Contracting Officer)		08/13/2019 ELECTRONIC SIGNATURE	
(Signature of person authorized to sign)							

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0227/P00002	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Obligated Amount for this Modification: \$1,270.00 New Total Obligated Amount for this Award: \$82,747.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 3 Total Amount changed from \$15,343.00 to \$16,613.00 Obligated Amount for this Modification: \$1,270.00</p> <p>CHANGES FOR DELIVERY LOCATION: ORD/OARS/EMD/CIN Amount changed from \$15,343.00 to \$16,613.00</p> <p>CHANGES FOR ACCOUNTING CODE: 19-20-C-26RR000-000F84-2583-26A5C-1926RRC906-003 Amount changed from \$15,343.00 to \$16,613.00</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 07/25/2019 to 07/24/2020</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE 1 OF 2 PAGES	
2. AMENDMENT/MODIFICATION NO. P00003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY CAD		CODE CAD		7. ADMINISTERED BY (If other than Item 6)		CODE	
US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050				(x)			
				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				x 10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0227			
				10B. DATED (SEE ITEM 13) 07/25/2019			
CODE 072648579		FACILITY CODE					

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0227/P00003	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount changed from \$42,067.00 to \$32,543.22 Obligated Amount for this Modification: -\$9,523.78</p> <p>CHANGES FOR DELIVERY LOCATION: ORD/OARS/EMD/CIN Amount changed from \$42,067.00 to \$32,543.22</p> <p>CHANGES FOR ACCOUNTING CODE: 19-20-C-26RR000-000FK8XPW-2583-26A5C-1926RRC906-00 1 Amount changed from \$42,067.00 to \$32,543.22</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 07/25/2019 to 07/24/2020</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050		(X)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 072648579		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0227	
				10B. DATED (SEE ITEM 13) 07/25/2019	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

TOCOR: PATRICE BORSZ Max Expire Date: 07/24/2020

The purpose of this modification is to incorporate the attached EPA blanket administrative modification signed by Raoul Scott on July 30, 2020. All other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) William M. Yates	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	16C. DATE SIGNED 10/08/2020

Previous edition unusable

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0227/P00004	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 07/25/2019 to 07/24/2020				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NUMBER		3. EFFECTIVE DATE 08/13/2020		4. REQUISITION/PURCHASE REQUISITION NUMBER		5. PROJECT NUMBER (If applicable)	
6. ISSUED BY Raoul D. Scott, Director OMS/ARM/OAS/Policy, Training and Oversight Division US Environmental Protection Agency, Mail Code 3802R 1200 Pennsylvania Avenue, NW Washington, DC 20004		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) To All EPA Contractors				<input checked="" type="checkbox"/> (X)		9A. AMENDMENT OF SOLICITATION NUMBER	
				<input type="checkbox"/>		9B. DATED (SEE ITEM 11)	
				<input checked="" type="checkbox"/> (X)		10A. MODIFICATION OF CONTRACT/ORDER NUMBER To all EPA Contracts and Orders	
				<input type="checkbox"/>		10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
<input type="checkbox"/>	
<input checked="" type="checkbox"/> (X)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This contract/order is being modified in accordance with the applicability instructions in interim FAR Case 2019-009, and FAR 4.2105, requiring contracting officers to include FAR clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

See attached for the full text version of FAR 52.204-25. Contractor Acknowledgment of receipt required.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Raoul D. Scott, Director Policy, Training and Oversight Division	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA RAOUL SCOTT Digitally signed by RAOUL SCOTT Date: 2020.07.30 11:40:17 -04'00'	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

Previous edition unusable

STANDARD FORM 30 (REV. 11/2016)
Prescribed by GSA FAR (48 CFR) 53.243

52.204-25 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

As prescribed in 4.2105(b) and in the applicability instructions in interim FAR Case 2019-009, insert the following clause:

Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Aug 2020)

(a) Definitions. As used in this clause—

Backhaul means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

Covered foreign country means The People's Republic of China.

Covered telecommunications equipment or services means—

(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or

(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means—

(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled-

(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

(ii) For reasons relating to regional stability or surreptitious listening;

(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or

(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

Interconnection arrangements means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

Roaming means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

(b) Prohibition. (1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.

(c) *Exceptions.* This clause does not prohibit contractors from providing—

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(d) Reporting requirement.

(1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil>. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil>.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause

(i) Within one business day from the date of such identification or notification: the contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) *Subcontracts*. The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b)(2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 07/31/2019		2. CONTRACT NO. (If any) 68HERC19D0003		6. SHIP TO:	
3. ORDER NO. 68HERC19F0230		4. REQUISITION/REFERENCE NO. PR-ORD-19-01456		a. NAME OF CONSIGNEE RTPPOD	
5. ISSUING OFFICE (Address correspondence to) CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001				b. STREET ADDRESS US Environmental Protection Agency 109 T.W. Alexander Drive Mail Code: AA005	
				c. CITY Research Triangle Park	e. ZIP CODE 27709
7. TO: Robert Toth				f. SHIP VIA	
a. NAME OF CONTRACTOR ICF Incorporated, L.L.C.				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
c. STREET ADDRESS 9300 LEE HIGHWAY				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY FAIRFAX		e. STATE VA	f. ZIP CODE 220316050	Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE ORD NCEA PY1	

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT	
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 072648579 TOCOR: ROBIN LUNSFORD Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$1,187,573.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts						\$1,187,573.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

07/31/2019

ELECTRONIC SIGNATURE

23. NAME (Typed)

William M. Yates

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES

PAGE NO

SCHEDULE - CONTINUATION

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER		CONTRACT NO.		ORDER NO.		
07/31/2019		68HERC19D0003		68HERC19F0230		
ITEM NO.	SUPPLIES/SERVICES	QUANTITY ORDERED	UNIT	UNIT PRICE	AMOUNT	QUANTITY ACCEPTED
(a)	(b)	(c)	(d)	(e)	(f)	(g)
0001	<p>Admin Office: CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 Period of Performance: 07/30/2019 to 07/29/2020</p> <p>68HERC19D0003 TO-0004 Document Compilation and Toxicology Data Extraction for Curation of Studies, Journal Articles, Reports and Other Documents for ToxValDB and ToxRefDB</p> <p>Funds were deobligated from an HHS/PSC Interagency Assisted Acquisition per the June 14, 2019 memo from HHS/PSC to non-DOD customers, and were not received in time to recommit and release them to OAS by June 28, 2019. The funds are on the exception list and OAS has agreed to process after the June 28, 2019 deadline, as long as the action can be processed within PALT. If there are additional questions, please contact Tommie Madison.</p> <p>Accounting Info: 19-20-C-2660000-000FK9XR6-2532-26A6A-1 92660E071-001 BFY: 19 EFY: 20 Fund: C Budget Org: 2660000 Program (PRC): 000FK9XR6 Budget (BOC): 2532 Cost: 26A6A DCN - Line ID: 192660E071-001 Funding Flag: Complete Funded: \$1,033,823.00</p> <p>Accounting Info: 18-19-C-2660000-000FK9XR6-2532-26A6A-1 92660E071-002 BFY: 18 EFY: 19 Fund: C Budget Org: 2660000 Program (PRC): 000FK9XR6 Budget (BOC): 2532 Cost: 26A6A DCN - Line ID: 192660E071-002 Funding Flag: Complete Funded: \$153,750.00</p>				1,187,573.00	

PERFORMANCE WORK STATEMENT
CONTRACT NO. 68HERC19D0003
TO 68HERC19F0230
Human Health and Risk Assessment

TITLE: Document Compilation and Toxicology Data Extraction for Curation of Studies, Journal Articles, Reports and Other Documents for ToxValDB and ToxRefDB

Specify Section & Paragraph SOW: C. Risk Assessment Data Bases and Computer Tools

PERIOD of PERFORMANCE: Award to 12 Months

I. PURPOSE.

The purpose of this task order is to obtain technical support services to the US Environmental Protection Agency's (EPA), Office of Research and Development (ORD), National Center for Computational Toxicology (NCCT) to compile documents, extract data and curate available legacy toxicity information from published journal articles, other study reports, data evaluation records (provided by EPA) and to locate primary study documents for data that was already extracted from other sources.

II. BACKGROUND AND OBJECTIVES

The EPA Office of Research and Development's National Center for Computational Toxicology is developing multiple databases containing information on chemical properties, toxicology, toxicokinetics and exposure. Much of this information is taken from public sources (websites, journal articles, database download files) and information submitted to EPA to register chemicals. Many of the sources from which information is pulled are secondary, meaning that there was manual extraction of the source primary documents into the data sources that NCCT accesses. NCCT needs to evaluate the accuracy of the final compiled database relative to the original primary source documents as well as compile the original documents sources, extract additional data, automate. Where possible, NCCT would also like to automate the curation and data extraction process for this type of data. This Statement of Work (SOW) outlines tasks for a contractor to assist with this project.

III. STATEMENT OF WORK.

The Contractor shall provide all technical support within the scope of this Performance Work Statement (PWS). The Contractor shall perform tasks, as specified by this task order issued by the CO. A summary of each task is provided below, including the time frame during which the task shall be completed.

Task 1. The contractor shall establish communication, submit a proposal, and arrange for routine updates for the EPA Task Order Contracting Officer's Representative (TO COR).

The contractor should review this Performance Work Statement and the associated source documents that need to be located, compiled and curated as well as the data that needs to be extracted. Based on the review, the contractor shall provide a plan to EPA which describes the estimated timelines for each task below. The contractor and EPA should have 2-4 conference calls per month to discuss priorities and timelines for data extraction, questions regarding extraction of some studies, and the status of document collection and data extractions.

Deliverable 1: The contractor shall provide a plan with an estimated timeline for completion of the tasks in this performance work statement.

Deliverable 2: The contractor shall coordinate regular conference calls with EPA NCCT to discuss the progress and timelines associated with the document compilation and data extraction. During these calls, the contractor should discuss any issues encountered.

Task 2. The contractor shall locate and index source documents and pdf files.

For QA against primary sources, the NCCT needs source documents (primarily journal articles and study reports) compiled and registered. The NCCT will provide a list of source document information, such as titles of articles, in a spreadsheet. The contractor shall retrieve these articles as pdf files, name the files in a consistent manner and place put them into a single folder. The file naming convention should be consistent to allow for automation of the process. If the source documents are not available, a PDF copy of the website or secondary source shall be added to the folder if it can be identified. The contractor shall make every effort possible to obtain the documents. Not all documents will be publicly available, so the contractor is expected to make a best effort to find the documents, including the purchase of subscriptions to journals or other types of publications if needed. The number of initial document references is expected to be ~20,000.

Deliverable 3: The contractor shall provide a single folder containing PDF files of all requested source documents and if source documents are not available a PDF copy of the website or secondary source. Using a consistent file naming convention, the file names should be used and listed in the spreadsheet of source documents to link the spreadsheet to the file of documents.

Deliverable 4: The contractor shall provide periodic updates to the source index file and the located documents. Where possible, the contractor should develop scripts to automate the process of updating the source index file.

Deliverable 5: The contractor shall deposit all code built to automate the data acquisition on a Git Hub repository.

Deliverable 6: The contractor shall provide a written quality assurance plan for the document compilation, registration and indexing.

Deliverable 7: The contractor shall provide a **monthly** summary of the studies/data evaluation records reviewed and extracted, and any issues associated with the document location process.

Task 3. The contractor shall extract quantitative study endpoint data and study metadata from provided journal manuscripts and study reports using HAWC.

For a separate set of documents (journal papers and study reports), the NCCT needs quantitative toxicity data and study metadata extracted using the HAWC tool. We anticipate that there will be approximately 1,000 documents to extract. NCCT will provide full pdfs of documents, and the contractor shall extract appropriate fields into HAWC. Contract staff performing the data extraction must show proficiency in using HAWC through evidence of training. The contractor shall perform sample checks on the primary extraction process to evaluate accuracy and completeness of the work of the primary extractors. The NCCT will then extract data from the HAWC database using HAWC web services. A second level of QC will be carried out by NCCT examining the completeness of the extracted information retrieved through these web services.

Deliverable 8: The contractor shall extract documents using HAWC standard operating procedures (SOPs) and will report to EPA when batches of studies are complete.

Deliverable 9: The contractor shall review the extraction of a fraction of studies (TBD) and report on accuracy and completeness. Personnel with high rates of errors or lack of completeness shall be retrained until they meet minimum proficiency requirements. NCCT will periodically provide feedback on the data accuracy for continuous data extraction/curation improvements.

Deliverable 10: The contractor shall provide a written quality assurance plan for the data extraction process, including a primary, secondary, and management level (to resolve conflicts) review.

Deliverable 11: The contractor shall provide a **monthly** summary of the studies/data evaluation records reviewed and extracted, and any issues associated with the extraction process.

Task 4: The contractor shall index data evaluation record files for detailed extraction in Task 5.

The ToxRefDB currently stores roughly 6000 animal toxicology studies in a relational database with controlled vocabularies. Over 1000 chemicals have at least one study in the database. The goal of Task 4 is to index the data evaluation records available for a detailed data extraction described in Task 5.

The contractor shall assist the EPA by reviewing a repository of data evaluation records provided in various file formats (including PDF) to create an index that includes:

- (a) The MRID or data evaluation record identifier;
- (b) The study type and guideline number; and,
- (c) The chemical substance tested.

The EPA anticipates this activity will take approximately 5 minutes per study record/data evaluation record and necessitate a single reviewer as the records shall be reviewed again in Task 5. The number of available data evaluation records may be as high as 800.

Deliverable 12: Provide an index of the MRID/identifier, study type, guideline number, and chemical substance tested for a repository of data evaluation records provided to the contractor. Periodic updates of this index may be requested.

Deliverable 13: If appropriate given the source files provided, the contractor shall develop a text mining script (using R or Python) to extract study metadata from the source files to create the index described here. The contractor shall deposit all code built to automate the data acquisition on a Git Hub repository.

Task 5. The contractor shall extract study metadata and quantitative dose-response information from provided data evaluation records (DERs) and study reports using Database files in support of ToxRefDB, including capturing tested and reported status for all observations.

The ToxRefDB currently stores roughly 6000 animal toxicology studies in a relational database with controlled vocabularies. Over 1000 chemicals have at least one study in the database. The goal of Task 5 is to increase the number of chemicals and studies in ToxRefDB with associated dose-response and observation status data. ToxRefDB, in addition to using controlled vocabularies, also includes dose-response information with the goal of performing dose-response modeling (e.g., benchmark dose modeling) to determine more quantitative points of departure. The contractor shall enter into the database quantitative dose-response information from the DERs. For example, a study was run at 3 doses plus controls with male and female groups. The NOAEL was established at 10 mg/kg/day and the LOAEL at 100 mg/kg/day based on liver weight gain in males and females, liver hypertrophy in males and females, and thyroid hyperplasia in the males. Additionally, spleen weight increase was observed and deemed treatment-related in the high dose group at 1000 mg/kg/day. With this

example, the contractor shall enter the group mean and standard deviation for liver and spleen weights and incidence information for liver hypertrophy and thyroid hyperplasia at each dose level and for the control group(s).

The contractor shall assist EPA by reviewing data evaluation records provided by the Office of Pesticide Programs to NCCT. The contractor will extract the:

- (a) Study metadata;
- (b) the no observed adverse effect level (NOAEL) and lowest observable adverse effect level (LOAEL) determinations based on the critical effect(s) from the data evaluation record;
- (c) other treatment-related effects, including those that are statistically significant and denoted as the lowest effect level (LEL);
- (d) quantitative dose-response information, defined as incidence and/or mean +/- standard deviation, and sample size, *as well as any other necessary fields mutually decided*, for each treatment group, including the control group, for all effects tagged *treatment-related and/or critical* in the study;
- (e) the testing status of all observations (e.g., tested, not tested, not reported);

The contractor shall open the data evaluation records, housed at the EPA, and perform a full data extraction as described above using database files supplied by the EPA. This data extraction shall follow quality assurance procedures, including a primary and secondary review followed by manager sign-off. The EPA estimates the review process to take roughly 2 hours per data evaluation record, on average, with a secondary review taking roughly 1 hour per study. The number of available data evaluation records may be as high as 800.

Deliverable 14: The contractor shall provide a written quality assurance plan for the data extraction process, including a primary, secondary, and management level (to resolve conflicts) review.

Deliverable 15: The contractor shall provide a **monthly** summary of the studies/data evaluation records reviewed and extracted, and any issues associated with the extraction process.

Deliverable 16: The contractor shall provide completed database files for import into ToxRefDB. If needed, the contractor will work with EPA to try to use a new data extraction tool technology to evaluate whether it can be used for this application.

Task 6. Identification of Critical Effect(s) and Establishment of Study-Level Lowest-Observed-Adverse-Effect Level (LOAEL) Values

It is possible that data curation in Task 5 for ToxRefDB could be extended beyond data evaluation records from OPP. Data evaluation records from OPP have already been annotated for critical effects, and do not require Task 6 (as these critical effect information can be simply extracted). However, for source documents from other sources such as literature from PubMed or studies from the National Toxicology Program, the term “critical effect” is not used to define an adverse dose level. In Task 6, from all previously identified treatment-related effects, the Contractor shall use expert judgment (augmented by the “Determination of Critical Effects and Study Level NOAEL & LOAEL” and “Instructions for Critical Effect Determination” documents previously developed by the Contractor) to identify the critical effect(s) to establish study-level LOAEL values on a study-by-study basis for studies that do not already have a critical effect determination.

The critical effect(s) used to identify the study-level LOAEL shall be denoted by “checking” the box of the Boolean (yes/no) “critical effect” field in the edited/amended database deliverables. “NULL” value entries for a given treatment group indicate that no treatment-related effects were observed. A brief rationale/narrative regarding the choice of the critical effect(s) and establishment of the study-level LOAEL value shall be provided in the “dose comment” field on a study-by-study basis. Additionally, in the process of determining the

critical effect(s) to establish study-level LOAEL values, any remarks on the treatment-relatedness of the observed effects (previously determined) should be documented in the “effect comment” field.

For all multigeneration reproductive toxicity studies (denoted as “MGR”) identified in the “study type” field, treatment-related effects were further identified as either a “Parental”, “Reproductive”, or “Offspring” effect category. Thus, “Parental”, “Reproductive”, and “Offspring” study-level LOAEL values should be identified whenever applicable on a study-by-study basis. Similarly, for all prenatal developmental toxicity studies (denoted as “DEV”) in the “study type” field, treatment-related effects were further identified as either a “Maternal” or “Developmental” effect. Thus, “Maternal” and “Developmental” study-level LOAEL values should be identified whenever applicable on a study-by-study basis.

Although cancer effects are associated with some studies, study-level LOAEL values should not be identified based on cancer effects. However, dose-related incidence information [e.g., “at doses \geq 100 mg/kg-day, hepatocellular adenomas (7/10 male rats”) and carcinomas (3/10 male rats) were observed after 2-years of exposure] for any statistically or biologically significant tumor type should be captured in the “study comment” field in the edited/amended database deliverables. Deliverable 17: New critical effect determinations made for source documents that are not OPP data evaluation records will be documented in the extraction tool used in Deliverable 16 (critical effects already determined by OPP will simply be extracted in Task 5 and do not activate Task 6).

IV. SUMMARY TIME TABLE.

Task	Task Title	Time frame
1	Establish communication via conference call	Ongoing
2	Locate and index source documents and pdf files	6-18 weeks
3	Extract quantitative study endpoint data and study metadata from provided journal manuscripts and study reports using HAWC	6-18 weeks
4	Index data evaluation record files for detailed extraction in Task 5	6-18 weeks
5	Extract study metadata and quantitative dose-response information from provided data evaluation records (DERs) and study reports using Microsoft Access Database files in support of ToxRefDB	6-18 weeks
6	Identification of Critical Effects and Lowest Observed Adverse Effect Level	6-18 weeks

1. The contractor shall be responsible for obtaining a conflict of interest certification for any subcontractor services.

2. All deliverables shall be in conformance with the requirements of the task order before such deliverables are approved as final. Electronic copy of all deliverable shall be sent to the EPA WA COR and technical representative, TBD.
3. The contractor shall comply with other applicable requirements for final task order reports as stipulated in the Contractual Agreement.
4. The contractor shall prepare all deliverables in accordance with the Quality Management Plan for the contract.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE CAD CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050		(X)		9A. AMENDMENT OF SOLICITATION NO.	
CODE 072648579		FACILITY CODE		9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0230	
				10B. DATED (SEE ITEM 13) 07/31/2019	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

TOCOR: MONICA LINNENBRINK

LIST OF CHANGES:

Reason for Modification: The purpose of this modification will be to change the TOPO to Monica Linnenbrink.

TOCOR (Task Order Contracting Officer's Representative) changed to : MONICA LINNENBRINK

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

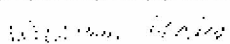
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) William M. Yates	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	16C. DATE SIGNED 10/22/2019

Previous edition unusable

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0230/P00001	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 07/30/2019 to 07/29/2020				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
						1 2	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00002		See Block 16C					
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: W136							
Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)			
ICF Incorporated, L.L.C.				9A. AMENDMENT OF SOLICITATION NO.			
Attn: Robert Toth							
9300 LEE HIGHWAY				9B. DATED (SEE ITEM 11)			
FAIRFAX VA 220316050							
				x			
				10A. MODIFICATION OF CONTRACT/ORDER NO.			
				68HERC19D0003			
				68HERC19F0230			
				10B. DATED (SEE ITEM 13)			
				07/31/2019			
CODE 072648579		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 072648579							
TOCOR: MONICA LINNENBRINK Max Expire Date: 07/29/2021							
LIST OF CHANGES:							
Reason for Modification: The purpose of this administrative modification is to extend the period of performance to July 29, 2021. All other conditions remain the same.							
Period Of Performance End Date changed from 29-JUL-20 to 29-JUL-21							
Total Amount for this Modification: \$0.00							
Maximum Potential Expiration Date changed to : 07/29/2021							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				William M. Yates			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				 (Signature of Contracting Officer)		05/08/2020 ELECTRONIC SIGNATURE	
(Signature of person authorized to sign)							

NAME OF OFFEROR OR CONTRACTOR
 ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	CHANGES FOR LINE ITEM NUMBER: 1 End Date changed from 29-JUL-20 to 29-JUL-21 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 07/30/2019 to 07/29/2021				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES		
					12		
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00003		See Block 16C		PR-ORD-20-01918			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: W136							
Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO.	
ICF Incorporated, L.L.C.							
Attn: Robert Toth						9B. DATED (SEE ITEM 11)	
9300 LEE HIGHWAY							
FAIRFAX VA 220316050							
				x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
						68HERC19D0003	
						68HERC19F0230	
						10B. DATED (SEE ITEM 13)	
						07/31/2019	
CODE		072648579		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.							
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
See Schedule							
Net Increase: \$14,735.00							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
X Mutual Agreement of the Parties							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 072648579							
TOCOR: MONICA LINNENBRINK Max Expire Date: 07/29/2021							
LIST OF CHANGES:							
Reason for Modification: The purpose of this modification will be to amend the performance work statement and to fund the changes.							
Total Amount for this Modification: \$14,735.00							
CHANGES FOR LINE ITEM NUMBER: 1							
Total Amount changed							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				William M. Yates			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				ELECTRONIC SIGNATURE		09/02/2020	
				(Signature of Contracting Officer)			
Previous edition unusable							
STANDARD FORM 30 (REV. 11/2016)							
Prescribed by GSA FAR (48 CFR) 53.243							

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0230/P00003	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>from \$1,187,573.00 to \$1,202,308.00 Obligated Amount for this Modification: \$14,735.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 20-21-C3-26B2000-000FK9-2532-26A6A-2026B2E038-001 Beginning FiscalYear 20 Ending Fiscal Year 21 Fund (Appropriation) C3 Budget Organization 26B2000 Program (PRC) 000FK9 Budget (BOC) 2532 Job # (Site/Project) Cost Organization 26A6A DCN-LineID 2026B2E038-001 Quantity: 0 Amount: \$14,735.00</p> <p>Payment Address: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 07/30/2019 to 07/29/2021</p>				

ORDER FOR SUPPLIES OR SERVICES						PAGE OF PAGES		
						1	2	
IMPORTANT: Mark all packages and papers with contract and/or order numbers.								
1. DATE OF ORDER 08/09/2019		2. CONTRACT NO. (If any) 68HERC19D0003		6. SHIP TO:				
3. ORDER NO. 68HERC19F0243		4. REQUISITION/REFERENCE NO. PR-ORD-19-01227		a. NAME OF CONSIGNEE ORD/NHSRC/DCMD-RTP				
5. ISSUING OFFICE (Address correspondence to) CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001				b. STREET ADDRESS US Environmental Protection Agency 4930 Page Road				
				c. CITY Durham		d. STATE NC	e. ZIP CODE 27703	
7. TO: Robert Toth				f. SHIP VIA				
a. NAME OF CONTRACTOR ICF Incorporated, L.L.C.				8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.				
b. COMPANY NAME								
c. STREET ADDRESS 9300 LEE HIGHWAY				<input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.				
d. CITY FAIRFAX		e. STATE VA	f. ZIP CODE 220316050					
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE ORD NCEA PY1				
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB						12. F.O.B. POINT		
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 08/07/2020		16. DISCOUNT TERMS		
a. INSPECTION Destination		b. ACCEPTANCE Destination						
17. SCHEDULE (See reverse for Rejections)								
ITEM NO. (a)	SUPPLIES OR SERVICES (b)			QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 072648579 TOCOR: TIMOTHY BOE Continued ...							
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		\$86,965.00	17(h) TOTAL (Cont. pages) ◀
	21. MAIL INVOICE TO:							
	a. NAME		RTP Finance Center					
	b. STREET ADDRESS (or P.O. Box)		US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts					17(i) GRAND TOTAL ◀
	c. CITY		d. STATE	e. ZIP CODE				
Durham		NC	27711					
22. UNITED STATES OF AMERICA BY (Signature)				08/09/2019		23. NAME (Typed) William M. Yates TITLE: CONTRACTING/ORDERING OFFICER		

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO
2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER 08/09/2019	CONTRACT NO. 68HERC19D0003	ORDER NO. 68HERC19F0243
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ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Admin Office: CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001</p> <p>Accounting Info: 19-20-C-264B000-000F72XPC-2583-26A5C-19264BE 067-001 BFY: 19 EFY: 20 Fund: C Budget Org: 264B000 Program (PRC): 000F72XPC Budget (BOC): 2583 Cost: 26A5C DCN - Line ID: 19264BE067-001 Period of Performance: 08/09/2019 to 08/07/2020</p> <p>Amendment #1</p> <p>Contract 68HERC19D003 Task Order 0018 Support to the 2019 US EPA International Decontamination Research and Development Conference</p> <p>Hi Eva, Can you add \$1,096.76 to PR-ORD-19-01227 for me? The PR should total \$86,965. The additional funds can come from corporate. I've received approval from Shawn (cc'd on this email). Thanks! Tim-Timothy Boe US EPA Office of Research and Development National Homeland Security Research Center Decontamination and Consequence Management Division (o) 919-541-2617 (c) 984-227-9699 boe.timothy@epa.gov or www.epa.gov/nhsr</p>				86,965.00	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$86,965.00

PERFORMANCE WORK STATEMENT
CONTRACT NO. 68HEC19D0003
TO-68HEKRC19F0243

TITLE: Support to the 2019 US EPA International Decontamination Research and Development Conference

PERIOD OF PERFORMANCE: *Award to 12 Months*

PURPOSE OF TASK ORDER

The purpose of this Task Order is to provide services to the U.S. Environmental Protection Agency's (hereinafter EPA or Agency) for administrative and technical support to the 2019 US EPA International Decontamination Research and Development Conference, hosted by EPA's National Homeland Security Research Center (NHSRC).

The desired goals of the conference are the following:

- To bring together federal, state, and local researchers, responders, U.S. and international government and private stakeholders in CBR remediation and recovery preparedness;
- To facilitate the exchange of information on scientific endeavors, including applied research, field demonstrations, guidance and tool development and field applications related to CBR remediation issues;
- To demonstrate the connection between basic or fundamental decontamination research and applied research, as well as applied research and effective field application; and
- To explore challenges faced by regions, states, and locals in response to natural or man-made incidents.

The task order has four major components: (1) the preparation and (2) implementation of a three-day conference to take place on November 19-21, 2019 in Norfolk, VA; (3) the preparation of a post-conference webpage that compiles the abstracts and presentations along with an executive summary of the conference; and (4) future conference venues. This task order includes the following major deliverables:

1. Venue planning and selection;
2. Assistance and coordination with a three-day conference as noted in the tasks;
3. Assistance with plenary speaker and up to four other outside participants;
4. Development, implementation, and distribution of conference materials (e.g., call for abstracts, registration, presentations, and conference summary and proceedings);
5. Assistance and coordination with a three-day conference as noted in the tasks;
6. Post-conference website; and
7. Future planning considerations.

BACKGROUND

Since 2005, NHSRC has organized and hosted an international conference on decontamination research and development. Decontamination is one of the critical challenges that the United States and EPA would face in recovering from a major chemical, biological, or radiological incident.

The conference is designed to facilitate presentation, discussion, and further collaboration on research and development focused on an all-hazards approach to cleaning up contaminated buildings (both interior and exterior), infrastructure, and other areas/materials. The conference continues to focus strongly on matters involving chemical, biological, and radiological (CBR) threat agents but also include "all hazards' elements.

Topics of interest for this conference include:

- **Regional, State, and Local Initiatives:** highlight local priorities, challenges, and science and technology developments related to response and recovery efforts from intentional or accidental environmental incidents;
- **CBRN Detection and Decontamination Research:** New research data, or field activities and large-scale demonstrations related to the detection and decontamination of biological (including agricultural threat agents and biotoxins), chemical, and radiological threat agents in indoor (in facilities) or outdoor areas/materials; and
- **Cross Cutting Topics:** clean-up levels/risk assessment, exposure assessment, sampling/analysis of threat agents, fate/transport/containment, material compatibility with decontamination processes, tool and guidance development, waste management of threat agent-contaminated materials, water/wastewater decontamination, and systems approach to response and regulatory issues.

Invitees include persons involved in CBR remediation and recovery research, individuals such as EPA On-Scene Coordinators who conduct remediation activities, people involved in setting policy related to CBR decontamination in the U.S. and abroad, as well as individuals from academia and industry.

DETAILED TASK DESCRIPTIONS

Task 1 – Establish Communication

Within 3 days of award date of this TO, the Contractor shall schedule a conference call (not to exceed 1 hour) with the TOCOR, ALT TOCOR, and appropriate contractor staff to clarify outstanding questions and confirm the schedule and specific tasks.

Task 2 – Development of a Quality Assurance Project Plan

The contractor shall prepare a QAPP in accordance with <http://www.epa.gov/quality/qs-docs/r5-final.pdf> or based on the type of research that is being conducted. The QAPP must be approved prior to the start of any data collection and analysis work. Additional information related to QA requirements can be found at www.epa.gov/quality.

DELIVERABLE:

Draft QAPP to the EPA Task Order Contracting Officer's Representative (TOCOR) 10 business days after Task Order (TO) award. The EPA TOCOR will review the Draft QAPP and provide comments back to Contractor within 10 business days. The revised QAPP shall be submitted to the EPA TOCOR for final approval within 10 business days following receipt of comments.

Task 3 – Venue Planning and Selection

The contractor shall finalize venue planning and reservation efforts (to include audio visual). An agreement shall be formed between the contractor and the venue to guarantee conference space and rooms for the dates of November 19-22, 2019—necessary to accommodate at least 150 attendees and 2 parallel sessions. Based on market research conducted under a previous EPA WA (EP-C-14-001; 4-44), EPA recommends "Sheraton Norfolk Waterside Hotel in Norfolk, VA" be considered as part of this selection.

EPA shall receive a copy of the agreement made between the venue and the contractor within 30 days Task Order initiation.

Task 4.1 – Pre-conference Preparation: Conference Abstract Collection

The contractor shall setup a digital platform for receiving abstracts submitted by participants. The Contractor shall receive conference abstracts following the initial call for abstracts by the conference organizers.

The Contractor shall compile received abstract titles and prepare a spreadsheet to facilitate EPA review of abstracts and placement in the conference program following acceptance by EPA of the presentation.

Task 4.2 – Pre-conference Preparation: Pre-registering Conference Participants

The Contractor shall work with the necessary EPA web and IT personnel in developing an EPA based (mobile-friendly) conference registration website. At the very least, the website shall include a pre-registration page that contains a list of local hotels and other pertinent logistical information. The registration process shall request United States citizen or permanent resident status, identification of research area (down selected from prepopulated list of up to 10 topics), selection of preferred presentation mode (oral vs poster presentation), and whether the contact information (name and affiliation) can be made available to (a) only other registrants of the conference or (b) the general public as part of the post-conference report. Upon receipt of a registration request, the Contractor shall determine if the registrant belongs to the list of invitees as provided by the EPA WAM. If not, the Contractor shall contact the WAM on whether to accept or decline the registration. The Contractor shall confirm a successful registration with the registrant. The EPA WAM will inform a registrant if the registration cannot be accepted.

The Contractor shall provide a list pre-registrants, by way of a spreadsheet or other digital means, 4 weeks prior to the conference, and again beginning each week thereafter until the start of the conference, unless there were no new pre-registrants added during that period.

Task 4.3 – Pre-conference Preparation Other Pre-Meeting Logistical Activities (e.g. Coordination with speakers, coordinating with on-site Audio/Visual, IT support)

The Contractor shall, when given a list of potential speakers, moderators, key audience members and other audience categories, secure release forms for presentations by all speakers for both upload onto an ftp-like server or online portal for publication on the conference proceedings site, obtain their appropriate power point presentations and organize these presentations in an appropriate matter to be ready to load onto EPA computers at the conference. The Contractor will confirm moderator participation in cooperation with the TOCORS. The Contractor shall also provide other necessary logistical support for presenters and attendees including directions to the conference and coordination of presentation materials. Streamlining the process of uploading, reviewing, and distributing abstracts and presentations is emphasized.

The Contractor shall coordinate with the on-site AV support personnel (according to the selection made in Task 3) in advance of the conference to ensure that proper AV equipment is available (microphones, laptops and projectors). The Contractor shall serve as the lead point of contact to insure the adequate flow of all activities on the days of the conference and coordinate the speakers and overall participation of other representatives.

The Contractor shall be available for on-site registration as necessary, provide any copies of EPA relevant meeting material and allow sufficient space at the entry table for speakers and participants to leave relevant information for pick-up at the time of on-site registration. The Contractor shall coordinate registration near the main meeting room.

Task 4.4 – Pre-conference Preparation: Digital Conference Resource

The Contractor shall work with the necessary EPA web and IT personnel in developing a mobile friendly webpage for publishing conference information. This resource shall include announcements, final conference agenda materials, and proceedings. The Contractor shall provide a list of overall participants and presenters, their contact information, and

bios of presenters. The Contractor shall post this information on the conference webpage no later than 15 days before the conference begins. The Contractor shall also prepare a limited number of information packets for distribution during the conference.

Task 5 – Invitational Speaker Travel

The Contractor shall coordinate logistics and fund travel for 1 international and up to 4 domestic invitational speakers as determined by the conference agenda planning committee. The Contractor shall anticipate that the speakers will attend the entire conference.

Task 6.1 – During Conference Responsibilities: Conference Registrations

The on-site Contractor support shall include operating the registration table, providing participant name tags and conference information packets, providing support for navigating conference website and/or app, provide EPA handouts (as needed basis), and allowing space for other information provided by speakers ahead of time and signing in registrants.

Task 6.2 – During Conference Responsibilities: Conference IT Logistics

The EPA will provide laptop computers. The Contractor shall coordinate with the TOCORS to ensure that all presentations are loaded onto EPA computer. The Contractor shall provide technical support during the conference in coordination with the on-site AV support staff.

Task 7.1 – Post-Conference: Conference Summary

The Contractor shall prepare an executive summary (to include pictures) and work with the necessary EPA web and IT personnel for publishing. This summary shall include the Keynote Speaker's presentation, pictures, and question and answer session plus highlights from the other sessions.

Task 7.2 – Post-Conference: Conference Proceedings

The Contractor shall work with the necessary EPA web and IT personnel in developing a post-conference website that compiles all presentations, abstracts, speaker question and answer sessions, as well as the conference summary developed under Task 7.1. The conference proceedings shall be downloadable and presented in a searchable table. The conference website shall also include the final agenda, a complete list of actual attendees, their contact information (as agreed upon during the registration process), and pictures and videos taken during the conference.

Task 7.3 – Post-Conference: Power Point Presentations

The Contractor shall make the released presentations available through the EPA conference website.

Optional Task 8 – Future Planning Considerations

In preparation for the next conference, the Contractor shall assist EPA in identifying and reserving federal space near Washington, D.C. The conference space shall be capable of supporting 300 participants with nearby hotel and restaurant venues. The contractor shall deliver a memo containing recommendations for hotels, travel, and other logistical considerations.

TOCOR
Timothy Boe
US EPA/NHSRC

Boe.Timothy@epa.gov

919-541-2617

Alt TOCOR

Anne Mikelonis

US EPA/NHSRC

Mikelonis.Anne@epa.gov

919-541-0579

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00001		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001		CODE CAD		7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050				(x)		9A. AMENDMENT OF SOLICITATION NO.
						9B. DATED (SEE ITEM 11)
				x		10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0243
						10B. DATED (SEE ITEM 13) 08/09/2019
CODE 072648579		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule Net Decrease: -\$6,511.00						
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
	D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) DUNS Number: 072648579 TOCOR: TIMOTHY BOE LIST OF CHANGES: Reason for Modification: The purpose of this modification will be to de-obligate excess funding from this task order. The revised proposal was priced at \$80,454. Total Amount for this Modification: -\$6,511.00 New Total Amount for this Award: \$80,454.00 Continued ...						
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
				William M. Yates		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		08/09/2019

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0243/P00001	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount changed from \$86,965.00 to \$80,454.00 Obligated Amount for this Modification: -\$6,511.00</p> <p>CHANGES FOR ACCOUNTING CODE: 19-20-C-264B000-000F72XPC-2583-26A5C-19264BE067-00 1 Amount changed from \$86,965.00 to \$80,454.00</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 08/09/2019 to 08/07/2020</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES		
					1 2		
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
P00002		See Block 16C		PR-ORD-20-01532			
6. ISSUED BY		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
CAD							
CAD							
US Environmental Protection Agency							
26 West Martin Luther King Drive							
Mail Code: W136							
Cincinnati OH 45268-0001							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(x)		9A. AMENDMENT OF SOLICITATION NO.	
ICF Incorporated, L.L.C.							
Attn: Robert Toth							
9300 LEE HIGHWAY						9B. DATED (SEE ITEM 11)	
FAIRFAX VA 220316050							
				x		10A. MODIFICATION OF CONTRACT/ORDER NO.	
						68HERC19D0003	
						68HERC19F0243	
						10B. DATED (SEE ITEM 13)	
						08/09/2019	
CODE 072648579		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)				Net Increase:		\$6,511.00	
See Schedule							
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
CHECK ONE		A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
		D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
DUNS Number: 072648579							
TOCOR: TIMOTHY BOE							
LIST OF CHANGES:							
Reason for Modification: The purpose of this funding mod will be to replace the funding that was taken off this task order in mod P00001. All other conditions remain the same.							
Total Amount for this Modification: \$6,511.00							
New Total Amount for this Version: \$86,965.00							
New Total Amount for this Award: \$86,965.00							
Obligated Amount for this Modification: \$6,511.00							
New Total Obligated Amount for this Award: \$86,965.00							
Continued ...							
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				William M. Yates			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
				 (Signature of Contracting Officer)		07/10/2020 ELECTRONIC SIGNATURE	
(Signature of person authorized to sign)							

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0243/P00002	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 1 Total Amount changed from \$80,454.00 to \$86,965.00 Obligated Amount for this Modification: \$6,511.00</p> <p>CHANGES FOR DELIVERY LOCATION: ORD/NHSRC/DCMD-RTP Amount changed from \$80,454.00 to \$86,965.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 20-21-C-26E2000-000F72-2583-26A5C-2026E2E850-001 Beginning FiscalYear 20 Ending Fiscal Year 21 Fund (Appropriation) C Budget Organization 26E2000 Program (PRC) 000F72 Budget (BOC) 2583 Job # (Site/Project) Cost Organization 26A5C DCN-LineID 2026E2E850-001 Quantity: 0 Amount: \$6,511.00 Percent: 8.09282 Subject To Funding: N Payment Address:</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 08/09/2019 to 08/07/2020</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 2	
2. AMENDMENT/MODIFICATION NO. P00003		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001		CODE CAD		5. PROJECT NO. (If applicable)	
		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050		(X)		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
		X		10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0243	
				10B. DATED (SEE ITEM 13) 08/09/2019	
CODE 072648579		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

TOCOR: TIMOTHY BOE

LIST OF CHANGES:

Reason for Modification: The purpose of this administrative modification will be to extend the period of performance.

Period of Performance End Date changed from 07-AUG-20 to 08-JUL-21

CHANGES FOR LINE ITEM NUMBER: 1

End Date changed from 07-AUG-20 to 08-JUL-21

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) William M. Yates	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ELECTRONIC SIGNATURE (Signature of Contracting Officer)	16C. DATE SIGNED 07/15/2020

Previous edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
68HERC19D0003/68HERC19F0243/P00003PAGE OF
2 2NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	CHANGES FOR DELIVERY LOCATION: ORD/NHSRC/DCMD-RTP Delivery Date changed from 08/07/2020 to 07/08/2021 Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 08/09/2019 to 07/08/2021				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 2			
2. AMENDMENT/MODIFICATION NO. P00004		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. PR-ORD-20-02125		5. PROJECT NO. (If applicable)		
6. ISSUED BY CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001		CODE CAD		7. ADMINISTERED BY (If other than Item 6)		CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050				(x)			9A. AMENDMENT OF SOLICITATION NO.	
							9B. DATED (SEE ITEM 11)	
				x			10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0243	
							10B. DATED (SEE ITEM 13) 08/09/2019	
CODE 072648579		FACILITY CODE						
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS								
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.								
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule				Net Increase:		\$10,565.00		
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.								
CHECK ONE		A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
		D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.								
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)								
DUNS Number: 072648579								
TOCOR: TIMOTHY BOE								
LIST OF CHANGES:								
Reason for Modification: The purpose of this modification will be to exercise task 8 of the PWS and to fund the changes.								
Total Amount for this Modification: \$10,565.00								
New Total Amount for this Version: \$97,530.00								
New Total Amount for this Award: \$97,530.00								
Obligated Amount for this Modification: \$10,565.00								
New Total Obligated Amount for this Award: \$97,530.00								
Continued ...								
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.								
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)				
				William M. Yates				
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED		
(Signature of person authorized to sign)				 (Signature of Contracting Officer)		ELECTRONIC SIGNATURE 09/11/2020		

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0243/P00004	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>CHANGES FOR LINE ITEM NUMBER: 1</p> <p>Total Amount changed from \$86,965.00 to \$97,530.00 Obligated Amount for this Modification: \$10,565.00</p> <p>NEW ACCOUNTING CODE ADDED: Account code: 20-21-C-26E2000-000FK8-2583-26A5E-2026E2E907-001 Beginning FiscalYear 20 Ending Fiscal Year 21 Fund (Appropriation) C Budget Organization 26E2000 Program (PRC) 000FK8 Budget (BOC) 2583 Job # (Site/Project) Cost Organization 26A5E DCN-LineID 2026E2E907-001 Quantity: 0 Amount: \$10,565.00</p> <p>Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 08/09/2019 to 07/08/2021</p>				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. P00005		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CAD		7. ADMINISTERED BY (If other than Item 6) CODE	
CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001		8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ICF Incorporated, L.L.C. Attn: Robert Toth 9300 LEE HIGHWAY FAIRFAX VA 220316050		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11)	
CODE 072648579		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. 68HERC19D0003 68HERC19F0243 10B. DATED (SEE ITEM 13) 08/09/2019	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

DUNS Number: 072648579

TOCOR: TIMOTHY BOE

The purpose of this modification is to incorporate the attached EPA blanket administrative modification signed by Raoul Scott on July 30, 2020. All other terms and conditions remain unchanged.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) William M. Yates	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 10/07/2020

Previous edition unusable

NAME OF OFFEROR OR CONTRACTOR
 ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 08/09/2019 to 07/08/2021				

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 08/21/2019		2. CONTRACT NO. (If any) 68HERC19D0003		6. SHIP TO: a. NAME OF CONSIGNEE HPOD RRB	
3. ORDER NO. 68HERC19F0262		4. REQUISITION/REFERENCE NO. PR-ORD-19-01677			
5. ISSUING OFFICE (Address correspondence to) CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001				b. STREET ADDRESS US Environmental Protection Agency USEPA Ronald Reagan Building (RRB) 1300 Pennsylvania Avenue NW	
				c. CITY Washington	e. ZIP CODE 20004
7. TO: Robert Toth				f. SHIP VIA	
a. NAME OF CONTRACTOR ICF Incorporated, L.L.C.					
b. COMPANY NAME				8. TYPE OF ORDER	
c. STREET ADDRESS 9300 LEE HIGHWAY				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY FAIRFAX		e. STATE VA	f. ZIP CODE 220316050		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE ORD NCEA PY1	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))					
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
12. F.O.B. POINT					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 365 Days After Award	
a. INSPECTION Destination	b. ACCEPTANCE Destination			16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 072648579 TOCOR: MICHAELLOUGHRAN Max Expire Date: 08/20/2020 Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$31,949.00
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts						\$31,949.00
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature) 08/21/2019

23. NAME (Typed)
William M. Yates
TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES

PAGE NO

SCHEDULE - CONTINUATION

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER		CONTRACT NO.			ORDER NO.	
08/21/2019		68HERC19D0003			68HERC19F0262	
ITEM NO.	SUPPLIES/SERVICES	QUANTITY ORDERED	UNIT	UNIT PRICE	AMOUNT	QUANTITY ACCEPTED
(a)	(b)	(c)	(d)	(e)	(f)	(g)
0001	Admin Office: CAD US Environmental Protection Agency 26 West Martin Luther King Drive Mail Code: W136 Cincinnati OH 45268-0001 Period of Performance: 08/21/2019 to 08/20/2020 Meeting support to 2019 APCRA (Accelerating the Pace of Chemical Risk Assessment) conference to be held near EPA RTP campus in Sept. Pre-conference and on-site technical support is requested. Accounting Info: 19-20-C-26R6000-000FK9XR6-2583-26A5C-1 926R6C906-001 BFY: 19 EFY: 20 Fund: C Budget Org: 26R6000 Program (PRC): 000FK9XR6 Budget (BOC): 2583 Cost: 26A5C DCN - Line ID: 1926R6C906-001 Funding Flag: Complete Funded: \$30,000.00				30,000.00	
0002	Meeting support to 2019 APCRA (Accelerating the Pace of Chemical Risk Assessment) conference to be held near EPA RTP campus in Sept. Pre-conference and on-site technical support is requested. Accounting Info: 19-20-C-26RR000-000FK9XR5-2583-26A5C-1 926R6C906-002 BFY: 19 EFY: 20 Fund: C Budget Org: 26RR000 Program (PRC): 000FK9XR5 Budget (BOC): 2583 Cost: 26A5C DCN - Line ID: 1926R6C906-002 Funding Flag: Partial Funded: \$1,949.00				1,949.00	

PERFORMANCE WORK STATEMENT
CONTRACT NO. 68HERC19D0003
TO- 68HERC19F0262

TITLE: Support to the 2019 US EPA APCRA Conference

Specify Section & Paragraph SOW: E2, Risk Assessment Support; Administration and Technical Support for Meetings

PERIOD OF PERFORMANCE: 8/21/19 TO 8/20/20

I. PURPOSE

The purpose of this task order is to provide services to the U.S. Environmental Protection Agency's (hereinafter EPA or Agency) for administrative and technical support to the 2019 US EPA international conference on "Accelerating the Pace of Chemical Risk Assessment", to be hosted at EPA's facility in RTP, North Carolina.

The desired goals of the invitation-only conference are the following:

- Sharing knowledge and experience among international government entities that are actively considering or moving forward on use of emerging science in hazard identification and/or risk assessment to inform data gaps on large number of manufactured chemicals in the environment.
- We have extended invitations to governmental entities in North America, Europe and Australasia, and therefore anticipate very robust discussions.

The task order has two major components: (1) the preparation for the two-day conference to take place in EPA space within RTP; and (2) on-site technical support during the 2 day conference.

II. BACKGROUND

The advent of new approach methods (NAMs) for generating safety information on chemicals provides an opportune time to take stock of what chemical risk assessments could look like in the 21st century. To modernize risk assessment, there is a need to demonstrate how the data and tools can be incorporated into future risk assessments, in particular for chemicals with limited information. These advances come as the modernization of the Toxic Substances Control Act, the review of the European chemicals management law, the next phase of the Canadian Chemical Management Plan, and many international chemical management policies and laws, have escalated the need to enable sharing of data and knowledge across this regulatory landscape. To aid in addressing these issues, in 2016 the US Environmental Protection Agency hosted a workshop titled "Accelerating the Pace of Chemical Risk Assessment (APCRA)" to discuss the development and application of NAMs for chemical risk assessment with international regulators (Kavlock 2016). Collaborative case studies were initiated from discussion at this first workshop, and further discussed at a second workshop hosted by the European Chemicals Agency (ECHA) in 2017 (Kavlock et al., 2018).

The purpose of this meeting will be the continuation of sharing data, knowledge, experience, and expertise among international government entities that are considering or currently applying emerging science in regulatory decisions including priority setting, hazard identification and/or risk assessment for the large number of chemicals in commerce or that are being proposed for introduction to the market internationally. Participants

include governmental entities from North America, Europe and Australasia. Updates will be shared on efforts to date including collaborative case studies on the use of NAMs in risk assessment as part of the outcome of the workshops.

III. STATEMENT OF WORK

Task 1: Establish Communication

Within 3 days of award of this TO, the Contractor shall schedule a conference call (not to exceed 1 hour) with the TO-COR, ALT TO-COR, and appropriate contractor staff to clarify outstanding questions and confirm the schedule and specific tasks.

Task 2: Staffing Plan, and Quality Assurance Project Plan (QAPP)

The Contractor shall prepare a Technical Work Plan in response to the Contracting Officer's RFP describing how the work outlined in this Performance Work Statement will be performed, including deliverables, a schedule, budget, and level of effort. The Contractor shall also prepare a Staffing Plan, which shall be submitted as part of the RFP, which shows assigned personnel by task and the qualifications of the proposed personnel. The Contractor shall provide expertise in administrative and technical support to a conference.

Task 3: PRE-CONFERENCE PREPARATION

Task 3.1. Securing Hotel Block of Rooms:

The contractor shall find and reserve a hotel near the EPA RTP Campus during the week of October 7th. The Contractor shall secure a block of rooms at the hotel at the government rate for participants traveling to the conference. Preference should be given to a hotel offering transportation to the EPA RTP Campus. The Contractor shall work closely with the EPA TO-COR in selecting the conference hotel(s).

Task 3.2. Pre-registering Conference Participants:

The Contractor shall work with the necessary EPA web and IT personnel in developing an EPA based (mobile-friendly) conference registration website. At the very least, the website shall include a pre-registration page that contains information on hotel block of reserved rooms, and other pertinent logistical information. The registration process shall request United States citizen or permanent resident status, information from international registrants necessary for security clearance (e.g., passport number, travel details). Upon receipt of a registration request, the Contractor shall determine if the registrant belongs to the list of invitees as provided by the EPA TO-COR. If not, the Contractor shall contact the TO-COR on whether to accept or decline the registration. The Contractor shall confirm a successful registration with the registrant. The EPA TO-COR will inform a registrant if the registration cannot be accepted.

The Contractor shall provide a list of pre-registrants, by way of a spreadsheet or other digital means, 4 weeks prior to the conference, and again beginning each week thereafter until the start of the conference, unless there were no new pre-registrants added during that period.

Task 4: CONFERENCE SUPPORT

Task 4.1 On-site Technical Support during Conference (e.g. Coordination with speakers, securing on-site Audio/Visual, IT support:

- The contractor shall attend the conference in-person, provide administrative and technical support for the duration.
- The contractor shall, when given a list of potential speakers, moderators, key audience members and other audience categories, obtain their appropriate power point presentations and organize these presentations in an appropriate manner to be ready to load onto EPA computers at the conference. The contractor will confirm moderator participation in cooperation with the TOCOR.
- The contractor shall coordinate with EPA facility lead to ensure that all equipment needed at the meeting is available, to include microphone equipment, laptop computers, etc., as needed and specified by the EPA TOCOR.
- The contractor shall staff a registration table each day of the meeting and shall provide table tents and name badges of participants. The contractor shall also photocopy additional sets of handouts and materials as may be required during the course of the conference, on a fast turnaround basis, as requested by the EPA TOCOR.
- The contractor will facilitate conference presentations, record discussions, action items, and decisions.
- The contractor shall set up and manage the webinar and troubleshoot any issues related to the webinar during the conference. The contractor shall also monitor webinar activity and questions for the duration of the meeting.
- The contractor shall deliver to the EPA TOCOR any materials not distributed at the meeting or materials left behind by participants within two working days after the meeting.

IV. ANTICIPATED DELIVERABLES

All products by the Contractor must be of high quality, written in a clear concise style, with a logical organization and presentation. Deliverables shall be provided to EPA in electronic formats compatible with EPA-supported software e.g., MS Office 2013 (or later) spreadsheets and documents.

V. DELIVERABLES AND SCHEDULE

Task 1. Initial Conference Call	3 days after award of Task order
Task 2. Work, Staffing Plan	20 days after award
Task 3. Secure Hotel for lodging List of Registrants	20 days after award 4 weeks prior to conference and weekly up to conference date
Task 4. 1 st draft of Notes of proceedings Final version of Notes	7 days after end of conference 5 days after TOCOR approval of draft

Note: All days are calendar days.

VI. MANAGEMENT CONTROLS

1. All deliverables shall be reviewed for conformance to the requirements of this task order before being approved as final.
2. The contractor shall comply with other applicable requirements for final task order reports stipulated in contract.

VII. NOTICE REGARDING GUIDANCE PROVIDED UNDER THIS PROJECT

Guidance is strictly limited to technical and analytical support. The contractor shall not engage in activities of an inherent governmental nature such as the following:

- (1) Formulation of Agency policy
- (2) Selection of Agency priorities
- (3) Development of Agency regulations

Should the contractor receive any instruction from an EPA staff person that the contractor ascertains to fall into any of these categories or goes beyond the scope of the contract or task order, the contractor shall immediately contact the PO, TO-COR or CO.

VIII. SPECIAL CONDITIONS AND ASSUMPTIONS

The contractor shall hold a conference call with the EPA TO-COR at the initiation of the task order, and shall provide a bi-weekly update to the TO-COR by telephone for the duration of the task order, in addition to the standard reporting requirements of the contract.

IX. EPA CONTACT INFORMATION

Copies of all correspondence pertaining to the performance of this task order shall be sent to the PO.

Task order Manager (TO-COR):

Michael Loughran
U.S. EPA, ORD/IOAA
1200 Pennsylvania Ave. NW
Washington DC, 22046
202-564-6686

Alternate TO-COR:

Monica Linnenbrink
U.S. EPA, ORD/NCCT
Research Triangle Park
Durham NC
919-541-1522

CONTINUATION SHEET	REFERENCE NO. OF DOCUMENT BEING CONTINUED 68HERC19D0003/68HERC19F0262/P00001	PAGE	OF
		2	2

NAME OF OFFEROR OR CONTRACTOR
ICF Incorporated, L.L.C.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: RTP Finance Center US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts Durham NC 27711 Period of Performance: 08/21/2019 to 08/20/2020				

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NUMBER		3. EFFECTIVE DATE 08/13/2020		4. REQUISITION/PURCHASE REQUISITION NUMBER		5. PROJECT NUMBER (If applicable)	
6. ISSUED BY Raoul D. Scott, Director OMS/ARM/OAS/Policy, Training and Oversight Division US Environmental Protection Agency, Mail Code 3802R 1200 Pennsylvania Avenue, NW Washington, DC 20004		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code) To All EPA Contractors				<input checked="" type="checkbox"/> (X)		9A. AMENDMENT OF SOLICITATION NUMBER	
				<input type="checkbox"/>		9B. DATED (SEE ITEM 11)	
				<input checked="" type="checkbox"/> (X)		10A. MODIFICATION OF CONTRACT/ORDER NUMBER To all EPA Contracts and Orders	
				<input type="checkbox"/>		10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
 (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
 or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NUMBER AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NUMBER IN ITEM 10A.
<input type="checkbox"/>	
<input checked="" type="checkbox"/> (X)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This contract/order is being modified in accordance with the applicability instructions in interim FAR Case 2019-009, and FAR 4.2105, requiring contracting officers to include FAR clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

See attached for the full text version of FAR 52.204-25. Contractor Acknowledgment of receipt required.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Raoul D. Scott, Director Policy, Training and Oversight Division	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA RAOUL SCOTT Digitally signed by RAOUL SCOTT Date: 2020.07.30 11:40:17 -04'00'	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

Previous edition unusable

52.204-25 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

As prescribed in 4.2105(b) and in the applicability instructions in interim FAR Case 2019-009, insert the following clause:

Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Aug 2020)

(a) Definitions. As used in this clause—

Backhaul means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

Covered foreign country means The People's Republic of China.

Covered telecommunications equipment or services means—

(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or

(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means—

(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled-

(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

(ii) For reasons relating to regional stability or surreptitious listening;

(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or

(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

Interconnection arrangements means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

Roaming means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

(b) Prohibition. (1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.

(c) *Exceptions.* This clause does not prohibit contractors from providing—

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(d) Reporting requirement.

(1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil>. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil>.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause

(i) Within one business day from the date of such identification or notification: the contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) *Subcontracts*. The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b)(2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)